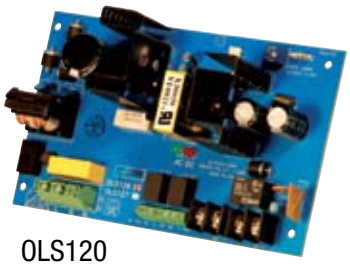
OLS120
Off-line Switching Power Supply/Charger

Rev. DSOLS120_02172012



OLS120

Overview

This Altronix power supply/charger converts a 115VAC, 50/60Hz or 230VAC, 50/60Hz input, into a 12VDC or 24VDC output @ 4 amp continuous supply current (see specifications). This unit has a wide range of applications for access control and security system accessories that require additional power.

Specifications

Input:
- Universal input 115VAC, 50/60Hz, 0.95 amp or 230VAC, 50/60Hz, 0.6 amp.

Output:
- 12VDC or 24VDC selectable output.
- 4 amp continuous supply current.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.

Battery Backup:
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- Maximum charge current 0.7 amp.

Supervision:
- AC fail supervision (form "C" contacts).
- Low battery supervision (form "C" contacts).

Visual Indicators:
- AC input and DC output LED indicators.

Electrical:
- Operating temperature: –20º C to 49º C ambient.
- BTU/Hr.:
  - 12VDC: 11 BTU/Hr.
  - 24VDC: 23 BTU/Hr.
- System AC input VA requirement:
  115VAC: 109.25VA.
  230VAC: 138VA.

Mechanical:
- Product weight (approx.): 1.55 lbs. (0.70 kg.).
- Shipping weight (approx.): 1.75 lbs. (0.79 kg.).

Features:
- Power ON/OFF switch.
- Includes battery leads.

Board Dimensions *(L x W x H) (approximate)*:

7.244" (184.0mm) x 4.512" (114.62mm) x 1.75" (44.45mm)